

CLAIMS

1. A method of assembling a storage battery, comprising the steps of:
 - (A) depositing terminals of said battery on a pallet at a first position;
 - (B) moving said pallet to a second position; and
 - (C) contacting said terminals with one or more bicells in said second
- 5 position.
2. The method of claim 1, further comprising the step of aligning said bicells for contact with said terminals using an alignment plate.
3. The method of claim 2, wherein said alignment plate is located on a continuous conveyor such that said alignment plate may be retracted after said bicells contact said terminals.
4. The method of claim 1, further comprising the step of depositing a cover strip in contact with overlap of said terminals and exposed grids of said bicells.
5. The method of claim 4, further comprising the step of ultrasonically welding said cover strip, said terminal, and said bicell exposed grids along said overlap.
6. The method of claim 1, further comprising the step of enclosing said terminals and said bicells with a packaging.
7. The method of claim 6, further comprising the step of sealing said packaging along the sides contacting said terminals via heating platens.
8. The method of claim 7, further comprising the step of cooling said battery by contacting said packaging sides in contact with said terminals with cooling platens.

9. The method of claim 7, further comprising the steps of:
- (A) injecting electrolyte solution into said bicells; and
 - (B) sealing packaging side opposing packaging fold using heated platens.
10. The method of claim 1, further comprising the step of charging said battery by contacting said terminals to a charger.
11. The method of claim 1, wherein said terminals have a carrier backing.
12. The method of claim 1, further comprising the step of cutting said terminals from roll prior to moving said pallet to said second position.
13. The method of claim 4, wherein:
- (A) depositing of one terminal is replaced by depositing of said cover strip; and
 - (B) depositing of said cover strip is replaced with depositing of said one terminal.
14. An apparatus for constructing storage batteries, comprising:
- a means for depositing terminals on a pallet at a first position;
 - a means for moving said pallet to a second position; and
 - a means for contacting said terminals with at least one bicell in said second position.
15. The apparatus of claim 14, further comprising a means for aligning said bicells for contact with said terminals.
16. The apparatus of claim 15, further comprising a means for depositing a cover strip in contact with said bicells.
17. The apparatus of claim 14, further comprising a means for enclosing said terminals and said bicells in a packaging.

18. The apparatus of claim 17, further comprising a means for sealing said packaging along two sides via heating platens.

19. The apparatus of claim 14, wherein said terminals have a carrier backing.